

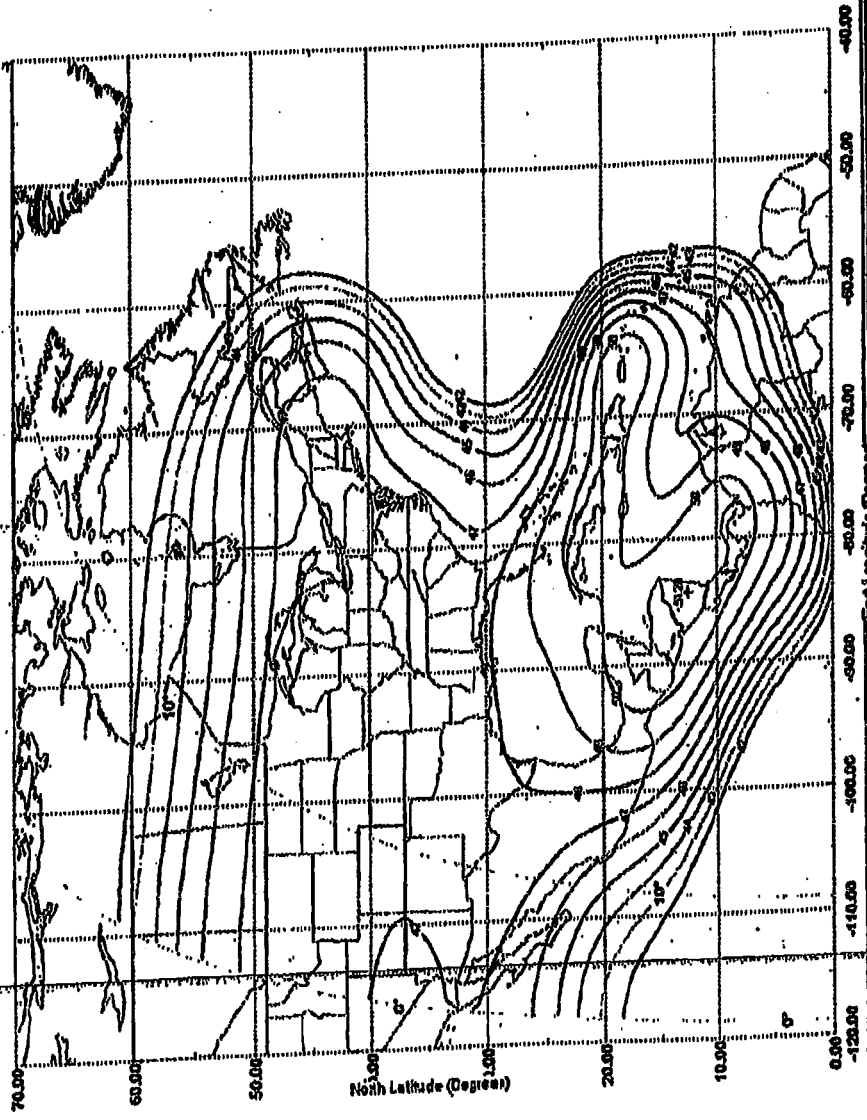
**EXHIBIT FOR AREAS OF OPERATIONS FOR KU-BAND EARTH STATIONS
ON VESSELS CONTROLLED THROUGH SOUTHBURY TELEPORT HUB**

Exhibit

T-11N

Telesat

US Beam EIRP Contours



Telesat Proprietary

Telesat

MAOR/NAOR Beam EIRP Contours

Exhibit

T-11N

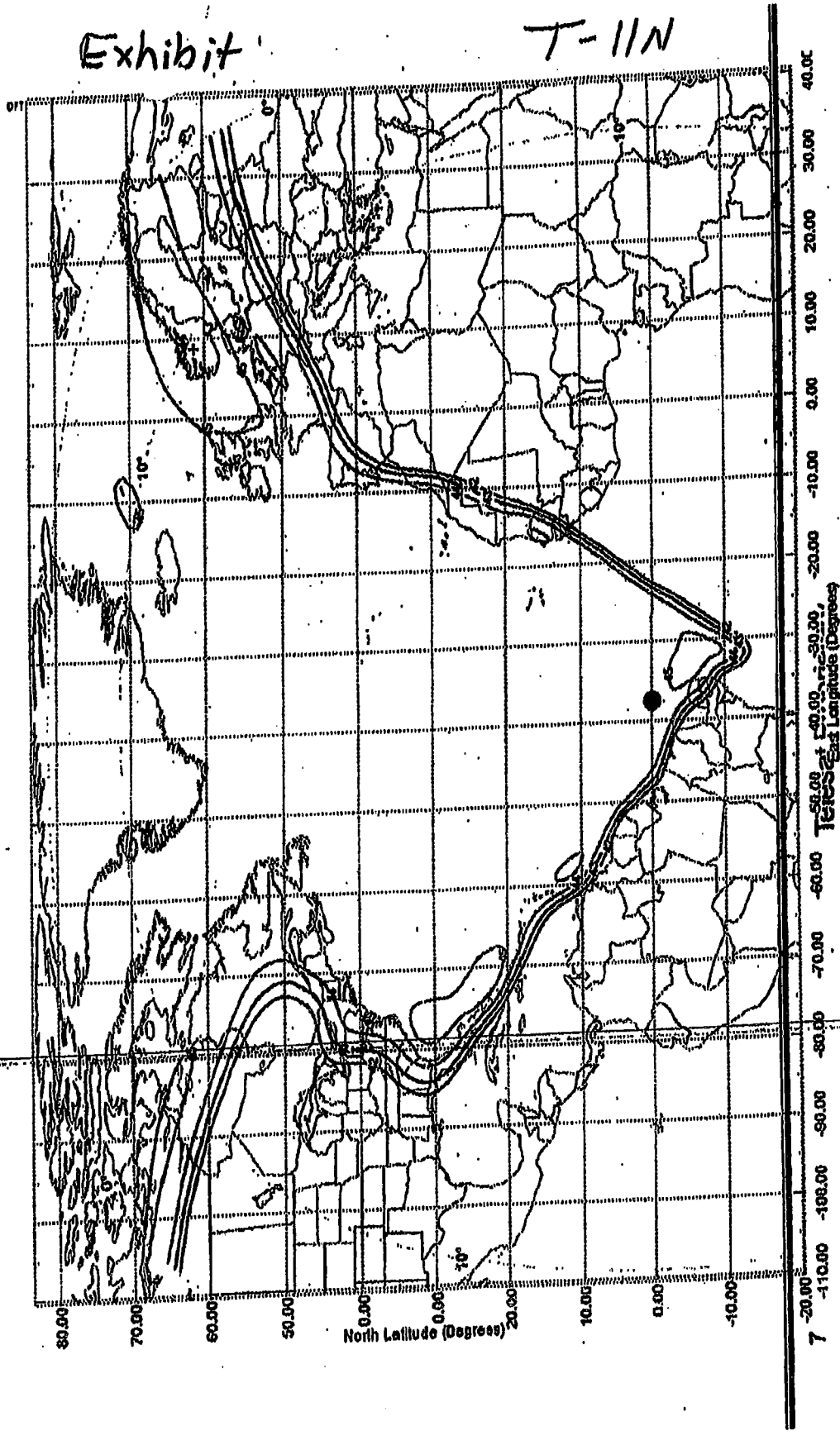


Exhibit AMC-21

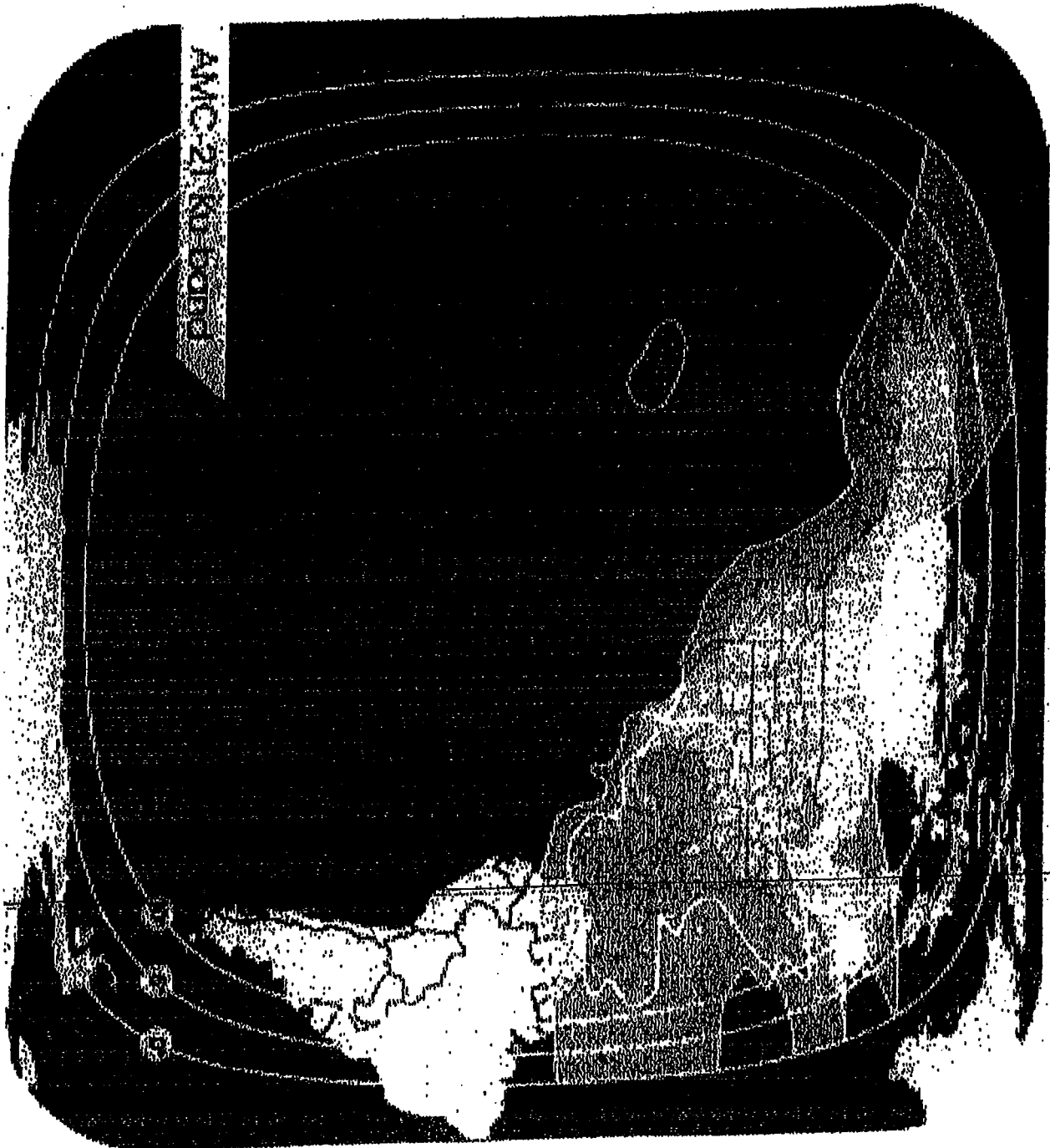
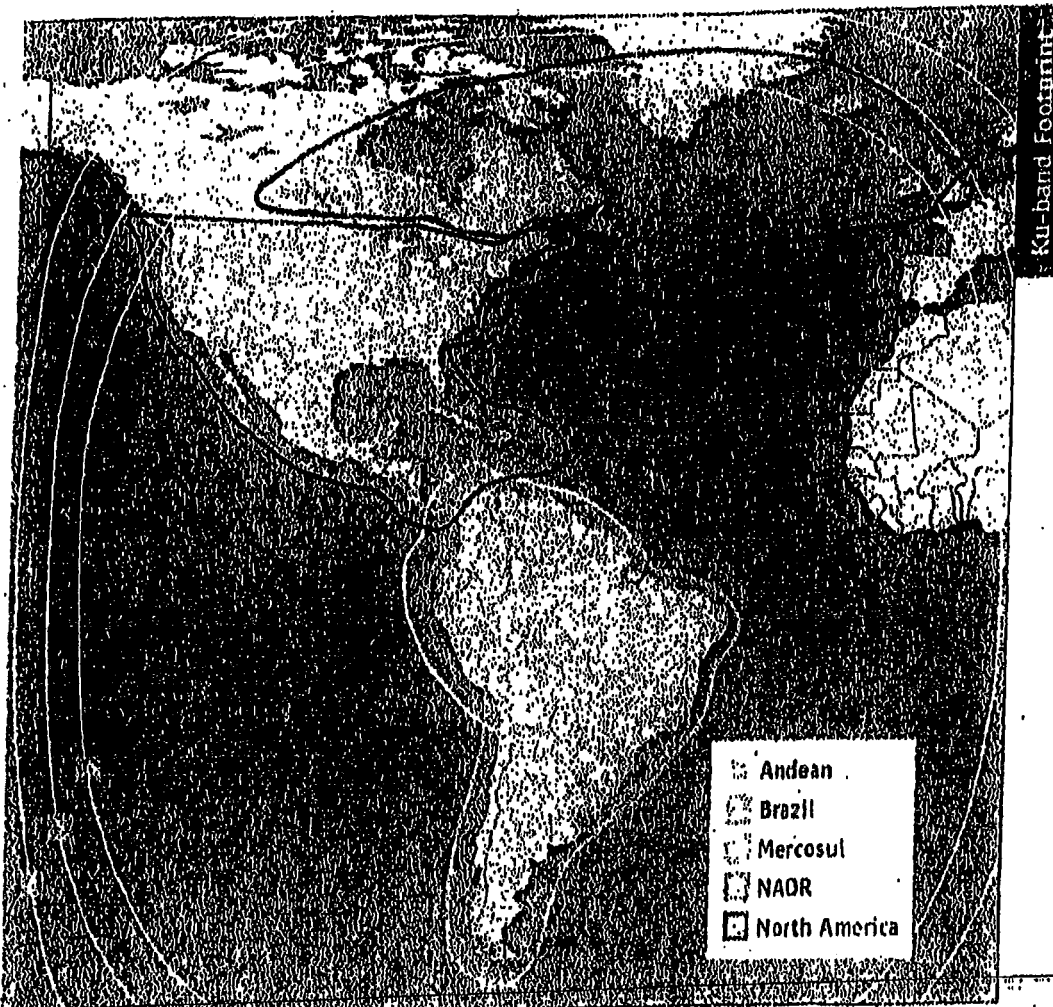


Exhibit NSS-7



Exhibit

ESTRELLA DO SUL 1



u-band Payload

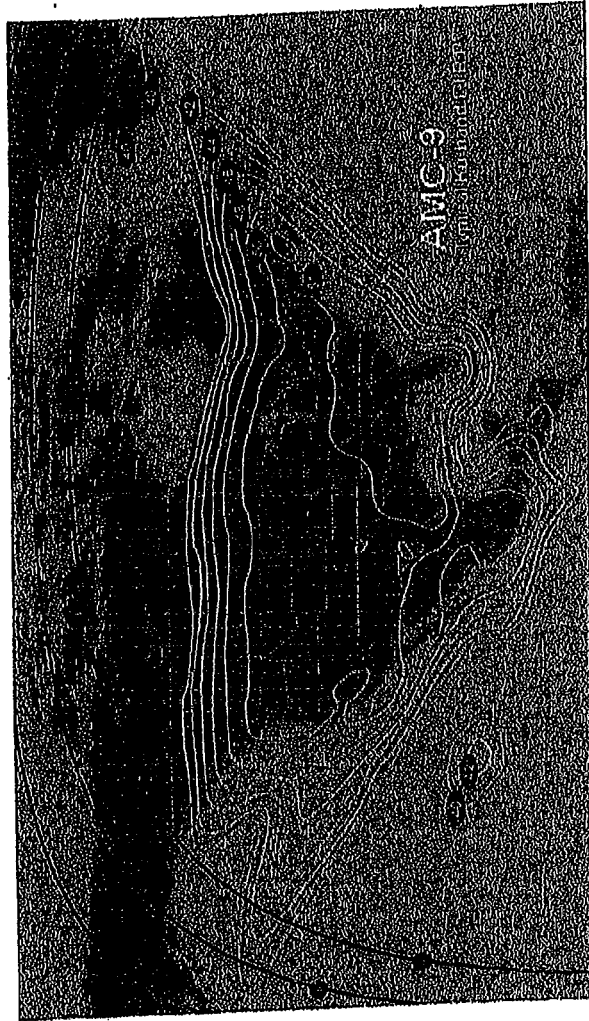
Capacity
1 Mbit and 36 Pbit
2 Mbit and 72 Pbit
Through Linear

Frequency
Standard
Uplink: 14 to 14.5 GHz
Downlink: 11.7 to 12.2 GHz
Extended
Uplink: 11.25 to 14 GHz
Downlink: 11.45 to 11.7 GHz

Bit Error Rate (BER)
0.1 to 10⁻⁶ JOW/m

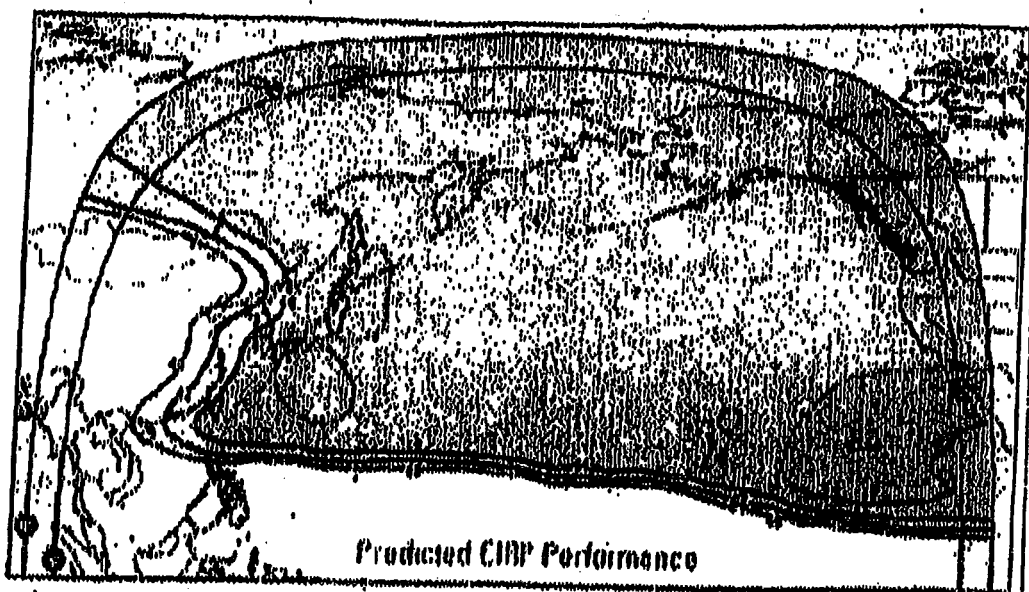
Exhibit

AMC-9

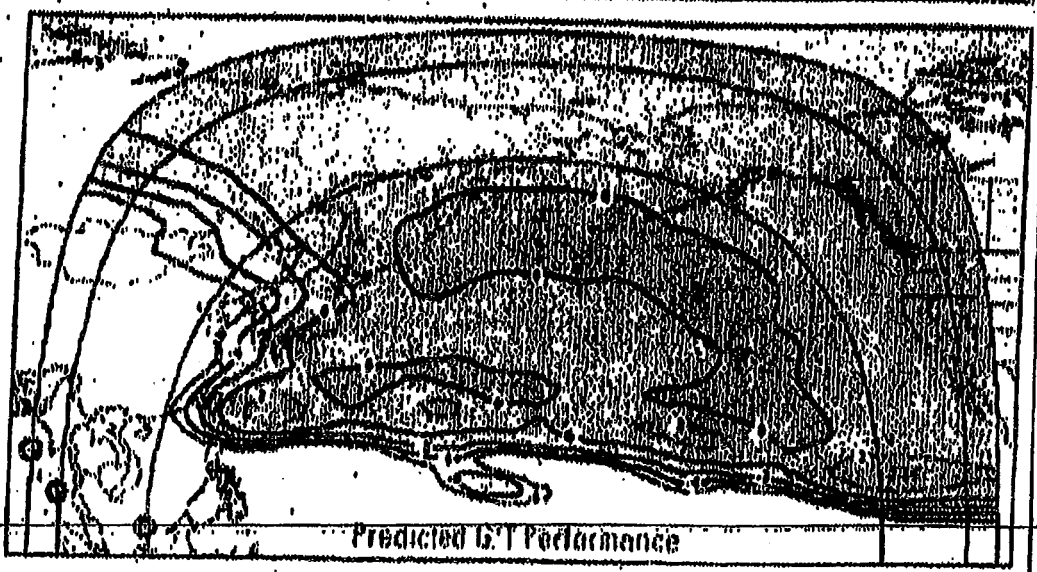


AMC-23 / GE-23
North Pacific Ku-band Zone Beam

Exhibit



Predicted C/NP Performance

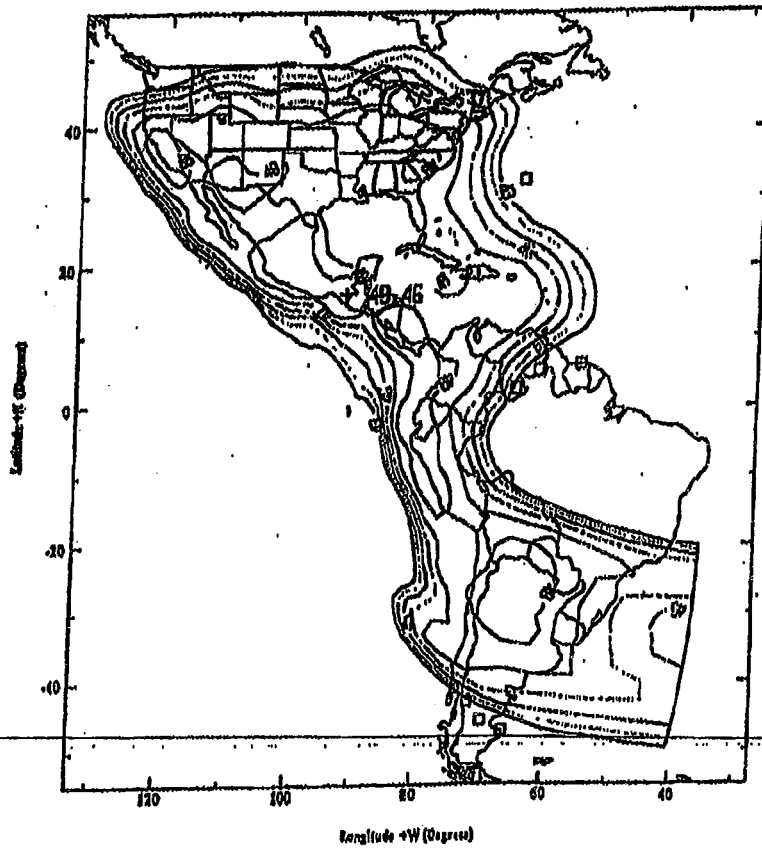


Predicted G/T Performance

Exhibit



Satmex 5 (116.8° W)
EIRP
Region KU-2 Even Xponder
(Pol. Hor/Ver)



SATMEX PROPRIETARY INFORMATION